

## **ITS Technical Bulletin 217**

### **SOFTOOL LIFE CYCLE MANAGER AND NATURAL INTERFACE**

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SOFTOOL Life Cycle Manager Version 2.4.0.2 and NATURAL Interface Version 2.2.2.0 will be installed on CPU4 beginning July 12, 1995. The CCC/LCM product is a Configuration and Change Control management tool which runs on MVS, UNIX, DEC and PC platforms. Currently installed interfaces include NATURAL, PanValet, DB2 and ACF2. Also available is an integration tool between the PC and Mainframe environment.

Three major enhancements in this release affect the State of Utah.

#### Package Functions for PanValet

CCC members from types defined as being PanValet data types can now be manipulated using all package functions. To take advantage of this feature, PanValet master files must be defined as host data sets on a CCC configuration/type basis at either system or package level. Package export, import, and promote use these library definitions when moving data to and from PanValet.

#### Multiple Library Option

The multiple library option allows NATURAL source and object from different NATURAL libraries to be stored in the same CCC type (e.g. program). When the option is enabled, the NATURAL library name is appended to all source and object items imported into CCC. Appending the library name permits the following two scenarios:

1. Like-named NATURAL source and object items from different NATURAL libraries to be stored in a single CCC subcategory type.
2. The association of more than one NATURAL library to the single CCC subcategory type that stores the source and object.

#### Concurrent Development for NATURAL Items

The ability to concurrently update the same member in CCC has been extended to NATURAL items. A branch is created when a user exports an item for update that currently has a status of exported. Branches for NATURAL items are treated exactly like branches for standard CCC members.

The installation of this release will not effect the Merge\_It product or the DB2 and ACF2 interfaces. CCC database conversion is required for the new NATURAL multiple library function. A backup of the databases will occur prior to the conversion and users will be locked out during that period.

For more information on CCC/LCM and possible use within your agency, please contact Nanette Epstein, 801-538-3486. Release notes available upon request.